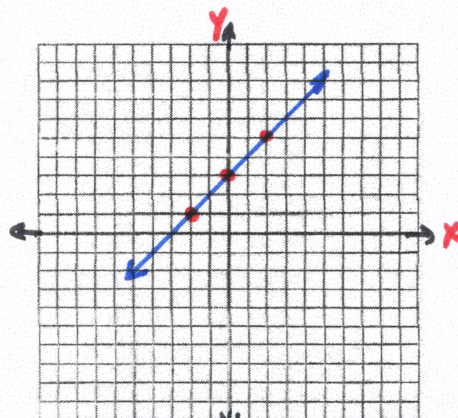


5.3 day 5 Worksheet (5D)

Graph the following equations using the given table.

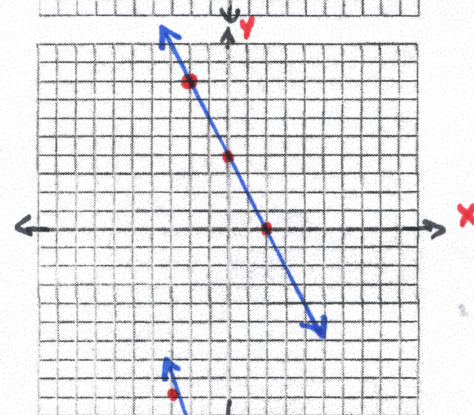
1. $y = x + 3$

x	$y = x + 3$	y
-2	$y = (-2) + 3$	1
0	$y = (0) + 3$	3
2	$y = (2) + 3$	5



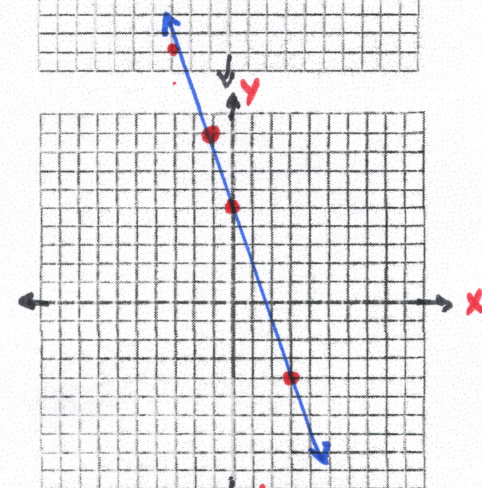
2. $y = -2x + 4$

x	$y = -2x + 4$	y
-2	$y = -2(-2) + 4$	8
0	$y = -2(0) + 4$	4
2	$y = -2(2) + 4$	0



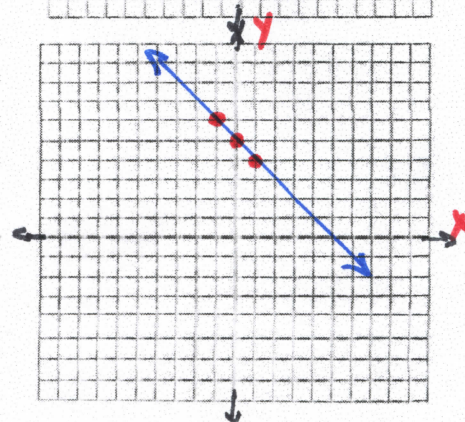
3. $y = -3x + 5$

x	$y = -3x + 5$	y
-3	$y = -3(-3) + 5$	14
0	$y = -3(0) + 5$	5
3	$y = -3(3) + 5$	-4
-1	$y = -3(-1) + 5$	9



4. $y = 5 - x$

x	$y = 5 - x$	y
-1	$y = 5 - (-1)$	6
0	$y = 5 - (0)$	5
1	$y = 5 - (1)$	4

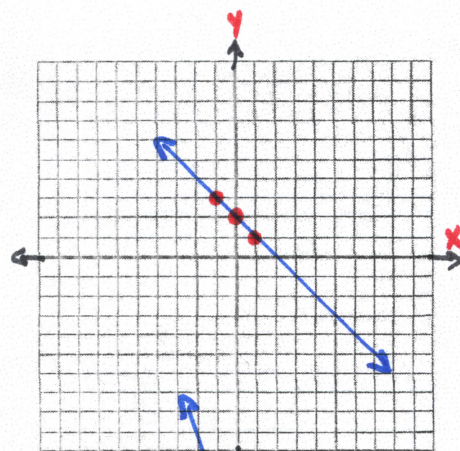


5.3 day 5 WS

5. $x + y = 2$

$$\begin{array}{r} -x \quad -x \\ \hline y = -x + 2 \end{array}$$

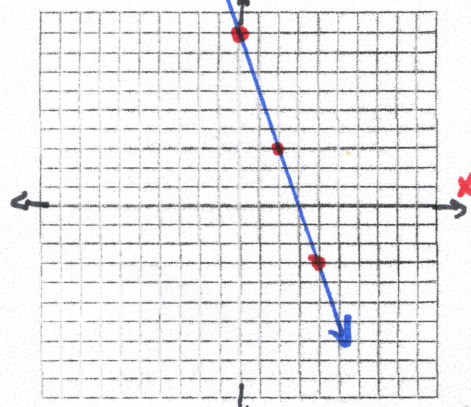
x	$y = -x + 2$	y
-1	$y = -(-1) + 2$	3
0	$y = -(0) + 2$	2
1	$y = -(1) + 2$	1



6. $3x + y = 9$

$$\begin{array}{r} -3x \quad -3x \\ \hline y = -3x + 9 \end{array}$$

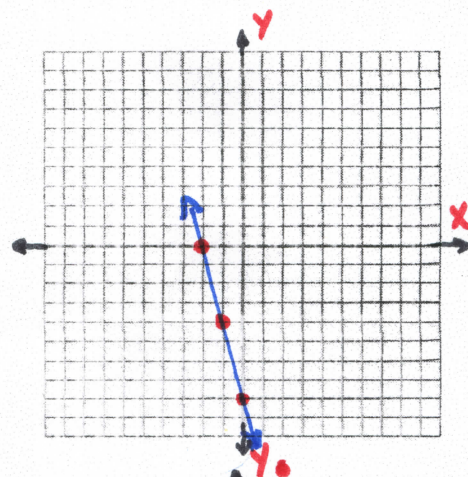
x	$y = -3x + 9$	y
-2	$y = -3(-2) + 9$	15
0	$y = -3(0) + 9$	9
2	$y = -3(2) + 9$	3
4	$y = -3(4) + 9$	-3



7. $4x + y = -8$

$$\begin{array}{r} 4x + y = -8 \\ -4x \quad -4x \\ \hline y = -4x - 8 \end{array}$$

x	$y = -4x - 8$	y
-1	$y = -4(-1) - 8$	-4
0	$y = -4(0) - 8$	-8
1	$y = -4(1) - 8$	-12
-2	$y = -4(-2) - 8$	0



8. $y - 3x = -1$

$$\begin{array}{r} +3x \quad +3x \\ \hline y = 3x - 1 \end{array}$$

x	$y = 3x - 1$	y
-2	$y = 3(-2) - 1$	-7
0	$y = 3(0) - 1$	-1
2	$y = 3(2) - 1$	5

